## Cheat Sheet: API's and Data Collection

Figure 1. The state of the first of the firs			
Material         Machine Membrane         Machine Membrane           2013         All and	Package/Method	Description	Code Example
Marie of the first programment of the programment o			Syntax:
Heat is the second of the sec	According to the control of the cont	Annual and a series of the ser	
Name of the control of the	Accessing element attribute	Access the vanue of a specine attranter or an H 1 Intl. crement.	
American in the interference of the properties of the proper			href = link_element[(href)]
Same of the component of the comp			Suntry .
Simular         Medical formation for formation for finite and production for finite and p			
Rame	BeautifulSoup()	Parse the HTML content of a web page using Beautiful/Soup. The parser type can vary based on the project.	
Marian   M			
### Comparison of the compari			ncmi = (nctps://api.exampie.com/oata) soup = seauctruisoup(ncmi, (ncmi.parwer))
add         Microscorrection for information and management and			
Rame of the content o			response = requests.dulete(url)
Manual Ma	delete()	Send a DELETE request to remove data or a resource from the server. DELETE requests delete a specified resource on the server.	Example:
Manual Ma			response = requests.delete((https://spi.example.com/delete))
### ### ### ### ### ### ### ### ### ##			
in the first of th			
Heater of the second programme	find()	Find the first HTML element that matches the specified tan and attributes.	
Handle of the second protect of the second p			
Harmonic and Proposed propose			first_link = soup.find((a), ((class): (link)))
Fig. 12 of Michael Anderson Production (American Production Continue) (American Production Co			
Enter the second of the second			elements = soup.find_all(tag, attrs)
Handle of the second of the se	find_all()	Find all HTML elements that match the specified tag and attributes.	
Handle of the second of the se			all_links = scop.find_all((a), {(class): (link))}
Read of the state			
Marie			
in desiration of the content of the	findChildren()	Eind all shill a humaner of on HTMI alcount	
Fig. 12 Per 19 P	and Children()	A SIMA AND A SIMALA AND AND AND AND AND AND AND AND AND AN	
Reserved by the content of the proposed profession and the proposed profession and the pr			<pre>child_elements = parent_div.findfhildren()</pre>
Reserved by the content of the proposed profession and the proposed profession and the pr			
Selection of the content of the cont			
Series of the se	get()	Perform a GET request to retrieve data from a specified URL. GET requests are typically used for reading data from an API. The response variable will contain the server's response, which you can process further.	
Manual of the state of the stat	1 1		
Residence of the control of the con			response = requests.get((https://api.example.com/data))
Residence of the control of the con			Syntax
Manual			
Section of the control of t	Headers	Include custom headers in the request. Headers can provide additional information to the server, such as authentication tokens or content types.	
Balance			base wrl = (https://api.examole.com/data) headers = ((Authorization): (Bearer YOUR TOKEN)) resonse = requests.ext(base url. headers-headers)
Part			
Exercise of the content of the conte	Inner I Bereier	Towards a supply from the Charles from t	
### Part	Import Literaries	пиров ще всесому у уминителен он wet эктариа.	from bs4 import DeautifulSoup
### Part			Syntax:
### 1982 ##			
Execute the second seco	isom()	Pare ISON data from the resonate. This extracts and works with the data returned by the API. The resonate ison() method converts the ISON resonate into a Perhon data structure fromilly a dictionary or list).	
Fig. 12 Page 1	,		
Fig. 12 Per 19 P			response = requests_pec(ntrps://api.exampie.com/asta)) data = response_ison()
But and the desiration from the Thomas reflect with the Desiration from the Desiration f			Surface:
### 15 ### 15			
in the second of	next sibling()	Find the next sibling element in the DOM.	
Fig. 12 A control of the follower right fields from the follower right fields from the follower right			
### Part			next_loling = current_element.ting_next_loling()
ingening the product of the Descript Michigan (1994) and production (1994) and productio			
Fig. 12 Properties against 12 Properties aga			parent = element.parent
Parl De la composition de la c	parent	Access the parent element in the Document Object Model (DOM).	Example:
Page 12 12 12 12 12 12 12 12 12 12 12 12 12			
Page 12 12 12 12 12 12 12 12 12 12 12 12 12			
mel per la persona para productiva facia como para portir quant qui quant quan			
Fig. 12 In the Company of the Compan	nest()	Senda POST request to a specified LIRL with data. Crease or undest-POST requests union resources on the sever. The data numeror contains the data to send to the server often in ISON formst	
For the part of th	F0		
Page 12 Page 1			response = requests.post(https://api.example.com/submit), data=((key): (value)))
Page 12 Page 1			Syntax
### DEF PROPOSE TO PRO			
To specific and proposed from the foundation of the request dates of the request dates.  Appropriate the specific proposed from the posed (Figure proposed) contained from specific proposed (Figure proposed) contained from the posed (Figure proposed) contained from specific proposed (Figure proposed) contained from the posed	put()	Send a PUT request to update data on the server. PUT requests are used to update an existing resource on the server with the data permisted in the data parameter, typically in JSON format.	
Special Companies on the URL to filter or container frampoor (Long parameters party) conditions or limits for trappoord data.   Special Companies and to URL to filter or container frampoord (Long parameters party) conditions or limits for trappoord data.   Special Companies and to URL to filter or possed (1918), design or Companies			
page page page page page page page page			
Page gramment in the ULL to filter a constant for request Quey passenting specify considers and relate for the requested MAL.  The page of the page of the ULL to filter a constant for the request of th			
Section   Sect			
Second Companies   Second Comp	Query parameters	Pass query parameters in the URL to filter or customize the request. Query parameters specify conditions or limits for the requested data.	Example:
Select ITIML demons from the proof ITIML using a CDS advoor.  ### Approximate the pro			base_url = "https://ppi.exapple.com/data" revenue = ("mart")
select)  select IFIML elements from the parcel HFML imig a CSS selector.  states, sole  taken, sole  classes in super, select (value two)  Example:  Space.  Frequent, strict, use two  Frequents, strict, use  Frequents,			response - requests.get(hase_url, purms-purms)
select)  select IFIML elements from the parcel HFML imig a CSS selector.  states, sole  taken, sole  classes in super, select (value two)  Example:  Space.  Frequent, strict, use two  Frequents, strict, use  Frequents,			Sortar -
Security  Example:  Titler = tops_saler((5.5))  Example:  Titler = top			
Section   Sect	select()	Select HTML elements from the paned HTML using a CSS selector.	
Spita:  ### Spita:			
atting code  Check the HTTP status code of the response. The HTTP status code indicates the result of the response (success, error, redirection). Live the HTTP status code for error handling and decision-marking in your code.  Exp.  Tig. (Live): ** ** ** ** ** ** ** ** ** ** ** ** **			
Stample  Lample  Lampl			
# "TENTED AND AND AND AND AND AND AND AND AND AN			
# "TENTED AND AND AND AND AND AND AND AND AND AN	status code	Check the HTTP status code of the response. The HTTP status code indicates the result of the request (success, error, redirection). Use the HTTP status codel can be used for error handline and decision-makine in voor code.	Example:
Tag Example:  (2): It tal author () tage. (2): It tal author () tage. (3): It tal author () tage. (3): It tal author () tage. (3): It tal author () tage. (4): It tal a tal author () tage. (4): It tal a tal author () tage. (4): It tal a tal a tage () tage. (4): It tage. (4): It tal a tal a tage () tage. (4): It tage. (4): I			url = "https://api.example.com/data"
Tag Example:  (2): It tal author () tage. (2): It tal author () tage. (3): It tal author () tage. (3): It tal author () tage. (3): It tal author () tage. (4): It tal a tal author () tage. (4): It tal a tal author () tage. (4): It tal a tal a tage () tage. (4): It tage. (4): It tal a tal a tage () tage. (4): It tage. (4): I			response - requests, pet(url) status, code - response, status, code -
Ext			
Retire the text content of an HTML element.  Syntax text = alament.text			ing Example:
Retire the text content of an HTML element.  Syntax text = alament.text			- (a): Fand another () tags. - (p): Fand paragraph (p)) tags.
Retire the text content of an HTML element.  Syntax text = alament.text			- (nl), (Nl), (nl), (nl), (nl), (nl); Find heading tags from level 1 to 6 ( (nl), n (h2)). - (nlh): Fiel chief (); Fiel chief (); Find heading tags from level 1 to 6 ( (nl), n (h2)).
Retire the text content of an HTML element.  Syntax text = alment.text	urgs for find() and find_all()	opecasy any vanue are set, seg as use ug pratemocre to seatively for elements of that type. Here are some common H1 ML tags that you can use with the tag parameter.	- try: ran tassa row () tags (d): find table cell ((d)) tags.
Retrieve the text content of an HTML element.  Syntax: text = almost.text			- (th): Find table header call ((t0)Hags. - (img): Find image ((ing)) tags.
Retire the text content of an HTML element.  Syntax text = alment.text			- (tors): Find form ((form)) lags (button): Find botton ((button)) lags.
test e alsent.test			
	text	Remieve the text content of an HTML element.	
Example:			
			Example:
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